2006-08 ACCESSORIES AND EQUIPMENT

Rear Window Defogger - Civic (All Except Hybrid)

COMPONENT LOCATION INDEX

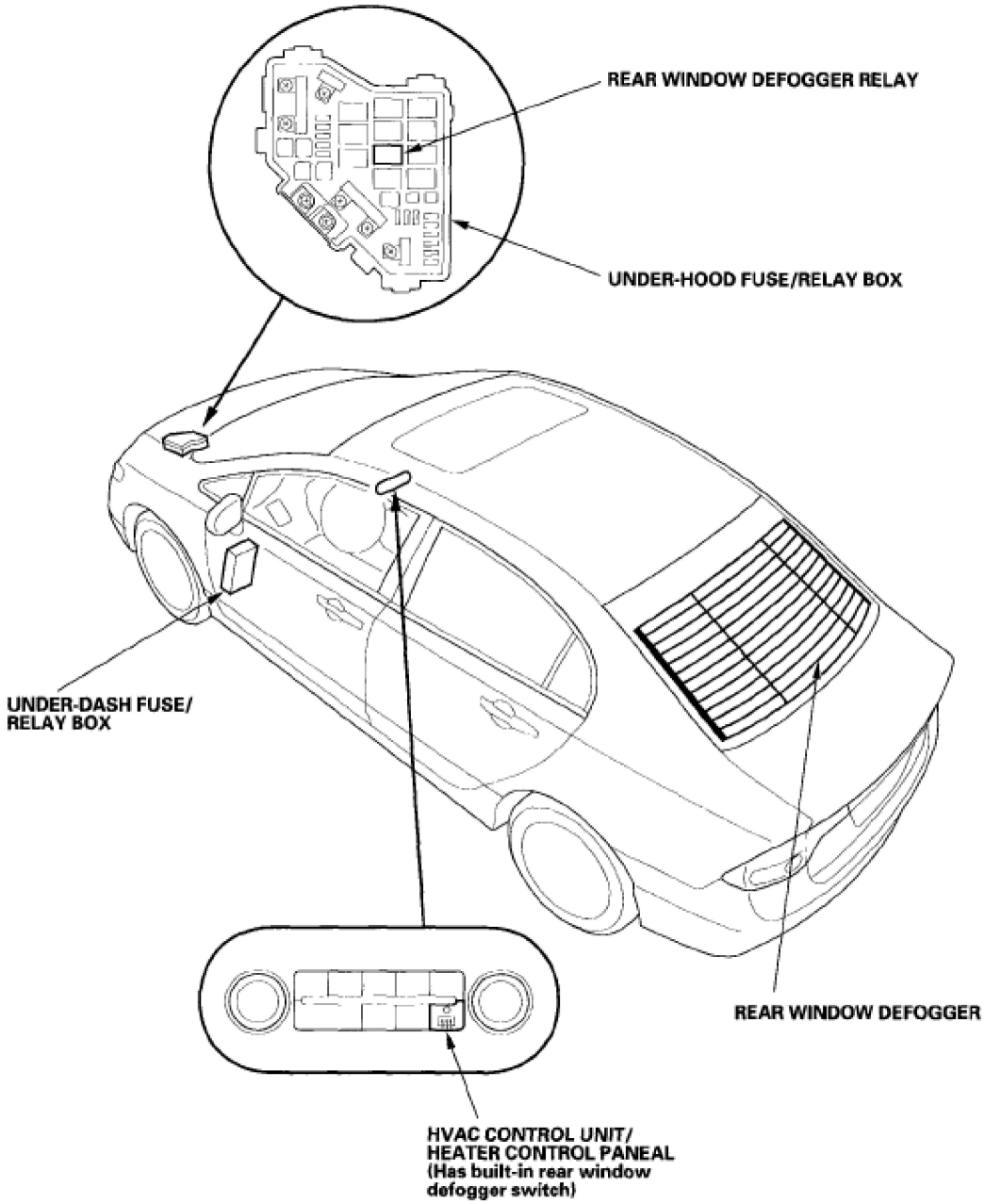

Fig. 1: Identifying Rear Window Defogger Component Locations

CIRCUIT DIAGRAM

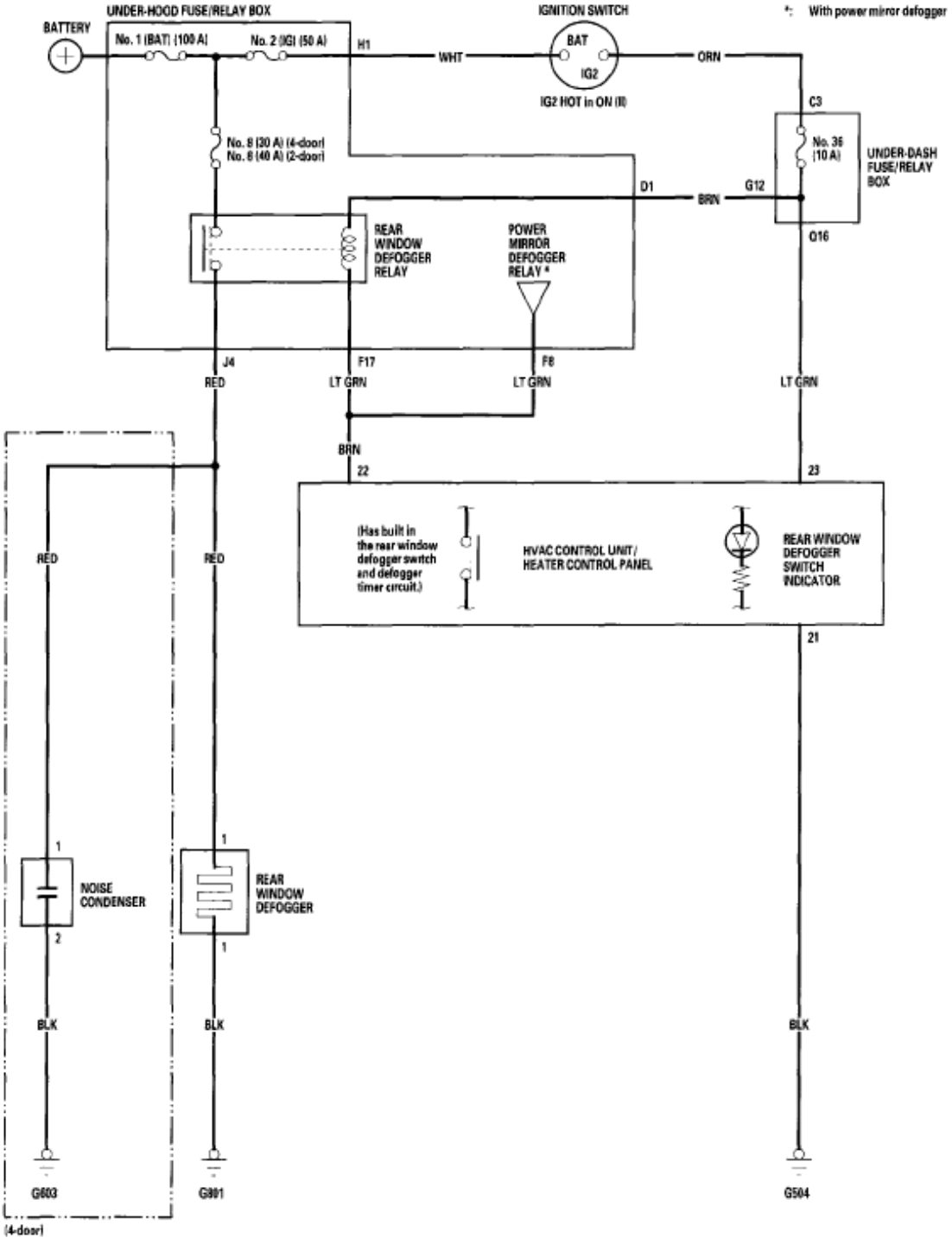

Fig. 2: Rear Window Defogger Circuit Diagram

FUNCTION TEST

NOTE:

- **Be careful not to scratch or damage the defogger wires**

with the tester probe.

- **Before testing, check the No. 8 (30 A) [No. 8 (40 A)] fuse in the under-hood fuse/relay box and the No. 36 (10 A) fuse in the under-dash fuse/relay box.**

[ ] : 2-door

1. Check for voltage between the positive terminal (A) and body ground with the ignition switch and the defogger switch ON.

   There should be battery voltage.

   - If there is no voltage, check for:
     - Faulty rear window defogger relay.
     - Faulty HVAC control unit/heater control panel.
     - An open in the RED wire to the positive terminal.
   - If there is voltage, go to step 2.

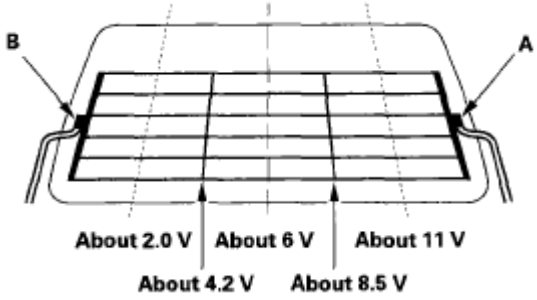

Fig. 3: Function Test Defogger Wires With Tester Probe

2. Disconnect the negative terminal (B) from the rear window defogger.
3. Check for continuity between the negative terminal (B) and body ground.

   If there is no continuity, check for an open in the wire or poor ground (G801). If there is continuity, go to step 4.

4. Reconnect the negative terminal to the rear window defogger.
5. Turn the ignition switch ON (II) and the rear window defogger switch ON.

6. Touch the voltmeter positive probe to each point on each defogger wire, and the negative probe to the negative terminal.
   - If the voltage is as specified, the defogger wire up to that point is OK.
   - If the voltage is not as specified, repair the defogger wire.
     - If it is more than specified at one of the points, there is a break in the negative half of the wire.
     - If it is less than specified at one of the points, there is a break in the positive half of the wire.

DEFOGGER WIRE REPAIR

NOTE: To make an effective repair, the broken section must be no longer than 1 inch (2.5 mm).

1. Lightly rub the area around the broken section (A) with fine steel wool, then clean it with isopropyl alcohol.

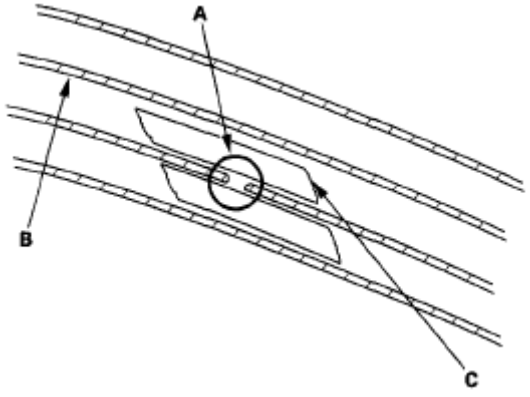

Fig. 4: Identifying Defogger Wire Broken Section

2. Carefully mask above and below the broken portion of the defogger wire (B) with cellophane tape (C).
3. Using a small brush, apply a heavy coat of silver conductive paint (commercially available) (A) extending about 1/8 " on both sides of the break. Allow 25 minutes to dry.

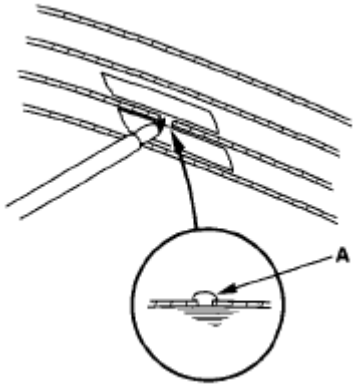

Fig. 5: Applying Heavy Coat Of Silver Conductive Paint On Both Sides Of Defogger Wire Break

4. Do the function test to confirm that the wire is repaired (see **FUNCTION TEST**).
5. Apply a second coat of paint in the same way. Let it dry 3 hours before removing the tape.